

# TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample  
Information

Full Site Name: Burns Harbor - Port  
 Site Abbreviation BHP-A-3 Deployment No. 3  
 Clean Batch PUF Plug No. \_\_\_\_\_ Clean Batch Filter No. \_\_\_\_\_

Field Deployment and Recovery

Field Deployment Technician Name S. Keller Setup Date/Time 4/16/21 9:00  
**Sample Run Date** 4/18/21 Flow Conditions should be STD. Flow Rate should be 225 liters/min.  
 Once all necessary fields in Timer screen have been set, 3 things should happen:  
☐ Green power light should start to blink;  
☐ Timer countdown should start indicating when sampling run will commence;  
☐ Status on main screen should change to "Waiting".

Field Recovery Technician Name S. Keller Recovery Date/Time 4/19/21 13:00

Q <sub>Std</sub> Avg Flow (liters/min)	<u>215</u>	Actual Start Date/Time	<u>4/18/21 0:00</u>
CV	<u>2.91</u>	Actual Stop Date/Time	<u>4/19/21 0:00</u>
Q <sub>Std</sub> Volume (m <sup>3</sup> )	<u>309.78</u>	T <sub>amb</sub> Avg (°C)	<u>10.5</u>
Elapsed Time (HH:MM)	<u>24:00</u>	P <sub>amb</sub> Avg (mmHg)	<u>742</u>
Flags? Expected flags: Completed, Q <sub>Std</sub> No unexpected flags [KHM 5/20/21]			

Sample Status: VALID VOID (circle one)

## Site Observations

Run Day Temperatures: High 59 Low 37 Source: Weather Channel  
 Run Day Precipitation: 0  
 Run Day Wind/Wind Direction: WSW 8 mph  
 Run Day Sky Cover: pt. cloudy  
 Unusual Events? (fires, major storms, construction, etc.): \_\_\_\_\_

Maintenance

Check all that apply.

All weekly checks performed by Scott Keller [KMH 6/7/21]

## Weekly Checks:

- ☐ Power cords/plugs ok?
- ☐ Gaskets ok?
- ☐ Shelter ok?
- ☐ Tubing ok?
- ☐ Timer ok?
- ☐ Debris removed?

## Monthly Checks: (after 5<sup>th</sup> sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Temperature sensors within  $\pm 2^{\circ}\text{C}$  of transfer standard?
- ☐ Pressure sensor within  $\pm 10$  mmHg of transfer standard?
- ☐ One-point flow verification within  $\pm 10\%$  of Q<sub>Std</sub> PUFPLUS ( $0.225 \frac{\text{m}^3}{\text{min}}$ )?

## Maintenance Notes:

O. Saphique Thomas

6/1/2021